

Appendix A

Marked Up Version of the Specification Showing the Changes Made

In the Specification:

Please replace the main paragraph on page 1 with the following:

This application is a continuation in part of copending U.S. Patent Application Nos. 09/898,888 filed July 3, 2001 (Hyseq docket no. 748CON2), which is a continuation of 09/340,623 filed June 28, 1999 (now abandoned, Hyseq docket no. 748CON1), which is a continuation of 09/205,070 filed Dec. 3, 1998 (now abandoned, Hyseq docket no. 748); copending U.S. Application No. 09/919,002 filed July 30, 2001 (Hyseq docket no. 752CON2), which is a continuation of 09/359,922 filed July 22, 1999 (Hyseq docket no. 752CON1), which is a continuation of 09/205,155 filed Dec. 3, 1998 (now abandoned, Hyseq docket no. 752); copending U.S. Application No. 09/905,059 filed July 12, 2001 (Hyseq docket no. 778CON1), which is a continuation of 09/347,127 filed Jul. 2, 1999 (now abandoned, Hyseq docket no. 778); copending U.S. Application No. 09/952,981 filed Sept. 14, 2001 (Hyseq docket no. 779CON1), which is a continuation of copending 09/457,877 filed Dec. 8, 1999 (Hyseq docket no. 779); copending U.S. Application No. 09/471,275 filed Dec. 23, 1999 (Hyseq docket no. 782); copending U.S. Application No. 09/552,317 filed Apr. 25, 2000 (Hyseq docket no.:784CIP); copending U.S. Application No. 09/488,725 filed Jan. 21, 2000 (Hyseq docket no. 784); copending U.S. Application No. 09/922,279 filed Aug. 3, 2001 (Hyseq docket no. 785CON1), which is a continuation of 09/491,404 filed Jan. 25, 2000 (now abandoned, Hyseq docket no. 785); copending U.S. Application No. 09/560,875 filed Apr. 27, 2000 (Hyseq docket no. 787CIP); copending U.S. Application No. 09/496,914 filed Feb. [2]03, 2000 (Hyseq docket no. 787); copending U.S. Application No. 09/577,409 filed May 18, 2000 (Hyseq docket no. 788CIP); copending U.S. Application No. 09/515,126 filed Feb. 28, 2000 (Hyseq docket no. 788); copending U.S. Application No. 09/574,454 filed May 19, 2000 (Hyseq docket no. 789CIP); copending U.S. Application No. 09/519,705 filed Mar. 7, 2000 (Hyseq docket no. 789); copending U.S. Application No. 09/649,167 filed Aug. 23, 2000 (Hyseq docket no. 790CIP); copending U.S. Application No. 09/540,217 filed Mar. 31, 2000 (Hyseq docket no. 790); copending U.S. Application No. 09/770,160 filed Jan. 26, 2001 (Hyseq docket no. 791CIP); copending U.S. Application No. 10/014,487 filed Nov. 8, 2001 (Hyseq docket no.:791CON), which is a continuation of copending U.S. Application No. 09/552,929 filed

Apr. 18, 2000 (Hyseq docket no. 791); and copending U.S. Application No.09/989,660 filed Nov. 21, 2001 (Hyseq docket no. 792CON), which is a continuation of copending 09/577,408 filed May 18, 2000 (Hyseq docket no. 792). The entirety of the aforementioned applications are hereby incorporated by reference.

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